



BIOGRAPHY

Alton (Al) D. Romig, Jr.

Deputy Laboratories Director for Integrated Technologies & Systems

Dr. Alton D. Romig, Jr., is currently Senior Vice President and Deputy Laboratory Director for Integrated Technology Programs at Sandia National Laboratories,* Albuquerque, New Mexico. His responsibilities include the leadership and management of development and engineering activities that provide science, technology, systems, and expertise in support of US Programs in military technology; proliferation prevention; technology assessments; counterintelligence; energy science, resources, conservation, and infrastructure assurance; and homeland security. The portfolio includes support to the US Departments of Energy, Defense, State, Justice, Homeland Security, the Intelligence Community, and the Nuclear Regulatory Agency. The work includes international engagement such as through the International Atomic Energy Agency.

Dr. Romig is a member of the National Academy of Engineering and is active on a number of National Academy of Engineering/National Research Council Committees and Boards. He is a Fellow of the American Association for the Advancement of Science and TMS (The Metals, Minerals and Materials Society). Dr. Romig is also Fellow and former President of ASM, International (formerly American Society for Metals). He also serves on the Boards of Atomic Weapons Establishment Management Limited, a Lockheed Martin joint venture company in the United Kingdom, and Technology Ventures Corporation, a Lockheed Martin subsidiary dedicated to technology commercialization.

For his pioneering work in analytical electron microscopy and solid state diffusion, Dr. Romig has received several awards, including the Burton Medal (1988), awarded by the Electron Microscopy Society of America to an Outstanding Young Scientist; the K.F.J. Heinrich Award (1991), given by the Microbeam Analysis Society to an Outstanding Young Scientist; the ASM Silver Medal for Outstanding Materials Research (1992); and the Acta Metallurgica International Lectureship (1993-1994). Dr. Romig also was named the 2003 ASM-TMS Distinguished Lecturer in Materials and Society. He is also the 2005 Acta Materialia, Inc., J. Herbert Hollomon Award winner for outstanding contributions to materials science and society.

He received his B.S., M.S., and Ph.D. degrees in materials science and engineering from Lehigh University in 1975, 1977, and 1979, respectively. In 1979, he joined Sandia National Laboratories as a member of the technical staff, Physical Metallurgy Division. After a variety of management assignments, he was named Director, Materials and Process Sciences in 1992. From 1995 to 1999, he was Director of Microsystems Science, Technology, and Components. From 1999 to 2003, he was Chief Technology Officer and Vice President for Science, Technology, and Partnerships. In that role, he was Chief Scientific Officer for the Nuclear Weapons program, accountable for Sandia's interactions with industry and academia. In addition, he was responsible for the Laboratory Directed Research & Development program. In 2003, he was named Vice President, Nonproliferation and Assessments. His responsibilities included technology and system development for remote sensing, proliferation assessment, international security, physical security, and nuclear/chemical/biological nonproliferation and counterintelligence. He served in this capacity until attaining his present position in 2005.

* *Sandia National Laboratories is operated by Sandia Corporation, a Lockheed Martin Company, for the US Department of Energy.*

Revised July 2005

Alton (Al) D. Romig, Jr.
Sandia National Laboratories
P.O. Box 5800, Mail Stop 1231
Albuquerque, NM 87185-1231
Phone: 505-844-8358
Fax: 505-844-1424
e-mail: adromig@sandia.gov



*Sandia is a multiprogram laboratory operated by
Sandia Corporation, a Lockheed Martin Company for the
United States Department of Energy under contract DE-AC04-94AL85000.*